



Model Number

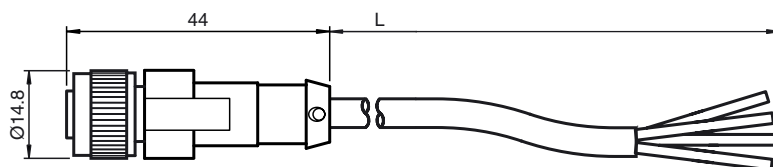
V1-G-BK5M-PUR-UL

Cable socket, M12, 4-pin, PUR cable

Features

- cULus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
UL File Number	E300203

Electrical specifications

Operating voltage	U_B	max. 250 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

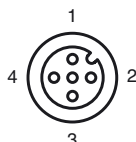
Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F), cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
Pollution Degree	3

Mechanical specifications

Pin diameter	1 mm
Protection degree	IP65 / IP68 / IP69K
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.7 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	dark grey (RAL 7021)
Cores	4 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 5 m
Flammability	
Housing	94 HB

Electrical connection



1	BN
2	WH
3	BU
4	BK